

CLAIMS

Now, therefore, the following is claimed:

1 1. A handheld device for viewing different video signals and hearing different audio
2 signals associated with an event, comprising:

3 a signal interface and receiver configured to receive audio and video signals;

4 a display system configured to produce virtual images visible to a user when said

5 handheld device is engaged with said user's face, said virtual images based on said video signals;

6 and

7 a speaker system configured to produce sounds audible to the user, said sounds based on

8 said audio signals.

1 2. The device of claim 1, further comprising a shroud to block ambient light when
2 said handheld device is engaged with said user's face.

1 3. The device of claim 2, wherein said shroud is configured with a broad cross-
2 section to shield both of said user's eyes at the same time when said handheld device is engaged
3 with said user's face.

1 4. The device of claim 2, wherein said shroud is configured such that there is an
2 amount of space between said user's eyes and the portion of said handheld device which resides
3 in front of said user's eyes, said amount of space sufficient to accommodate eyeglasses or
4 sunglasses being worn by said user.

1 5. The device of claim 2, wherein said shroud is adapted to receive said user's
2 forehead.

1 6. A handheld device for viewing different video signals associated with an event,

2 comprising:

3 a signal interface and receiver configured to receive video signals;
4 a processing system configured to process said video signals; and
5 a display system configured to produce virtual images visible to a user when said
6 handheld device is engaged with said user's face, said display system comprising a liquid crystal
7 display.

1 7. The device of claim 6, wherein said device further comprises a demodulating
2 system configured to demodulate said video signals.

1 8. The device of claim 6, wherein said device further comprises a shroud configured
2 to block ambient light when said device is engaged with said user's face.

1 9. The device of claim 8, wherein said shroud is configured with a broad cross-
2 section to shield both of said user's eyes at the same time when said handheld device is engaged
3 with said user's face.

1 10. The device of claim 9, wherein said shroud is configured such that there is an
2 amount of space between said users eyes and the portion of said handheld device which resides
3 in front of said user's eyes sufficient to accommodate eyeglasses being worn by said user.

1 11. A handheld device for viewing video signals and hearing audio signals associated
2 with an event, comprising:

3 means for receiving video signals associated with said event;
4 means for selecting one of said video signals based on inputs from a user;
5 means for receiving audio signals associated with said event;
6 means for selecting one of said audio signals based on inputs from said user;
7 means for producing a virtual image visible to said user when said handheld device is
8 engaged with said user's face; and
9 a means for producing sounds audible to said user.

1 12. The device of claim 11, further comprising a means for blocking ambient light
2 when said handheld device is engaged with said user's face.

1 13. A method for viewing different video signals and hearing audio signals
2 associated with an event, comprising the steps of:

3 providing a handheld device;
4 receiving said video and audio signals at said device;
5 processing said received video and audio signals;
6 displaying a virtual image of said received video signals to a user; and
7 producing sounds audible to said user, said sounds based on the received audio signals.

1 14. The method of claim 13, further comprising the step of demodulating said
2 received video signals.

1 15. The method of claim 14, further comprising the step of demodulating said
2 received audio signals.

1 16. The method of claim 13, wherein the step of displaying a virtual image of said
2 received video signals to a user further comprises the step of holding said handheld device to
3 said user's face.

1 17. The method of claim 16, wherein the step of displaying a virtual image of said
2 received video signals to a user further comprises the step of blocking ambient light when said
3 handheld device is held to said user's face.